

Temperature

Name: _____

Date: _____

°C = degree Celsius

K = Kelvin

Formula to convert temperatures	
Celsius to Kelvin	Kelvin to Celsius
1. $K = C + 273.15$	1. $C = K - 273.15$

Convert the following temperatures.

1) $69^{\circ}\text{C} = \text{K}$

2) $86^{\circ}\text{C} = \text{K}$

3) $78^{\circ}\text{C} = \text{K}$

4) $44^{\circ}\text{C} = \text{K}$

5) $37^{\circ}\text{C} = \text{K}$

6) $28^{\circ}\text{C} = \text{K}$

7) $74^{\circ}\text{C} = \text{K}$

8) $58^{\circ}\text{C} = \text{K}$

1) $650 \text{ K} = ^{\circ}\text{C}$

2) $550 \text{ K} = ^{\circ}\text{C}$

3) $927 \text{ K} = ^{\circ}\text{C}$

4) $428 \text{ K} = ^{\circ}\text{C}$

5) $516 \text{ K} = ^{\circ}\text{C}$

6) $472 \text{ K} = ^{\circ}\text{C}$

7) $636 \text{ K} = ^{\circ}\text{C}$

8) $862 \text{ K} = ^{\circ}\text{C}$

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Convert the following temperatures.

1) $69^{\circ}\text{C} = 342.15\text{ K}$

2) $86^{\circ}\text{C} = 359.15\text{ K}$

3) $78^{\circ}\text{C} = 351.15\text{ K}$

4) $44^{\circ}\text{C} = 317.15\text{ K}$

5) $37^{\circ}\text{C} = 310.15\text{ K}$

6) $28^{\circ}\text{C} = 301.15\text{ K}$

7) $74^{\circ}\text{C} = 347.15\text{ K}$

8) $58^{\circ}\text{C} = 331.15\text{ K}$

1) $650\text{ K} = 376.85^{\circ}\text{C}$

2) $550\text{ K} = 276.85^{\circ}\text{C}$

3) $927\text{ K} = 653.85^{\circ}\text{C}$

4) $428\text{ K} = 154.85^{\circ}\text{C}$

5) $516\text{ K} = 242.85^{\circ}\text{C}$

6) $472\text{ K} = 198.85^{\circ}\text{C}$

7) $636\text{ K} = 362.85^{\circ}\text{C}$

8) $862\text{ K} = 588.85^{\circ}\text{C}$